Early Journal Content on JSTOR, Free to Anyone in the World

This article is one of nearly 500,000 scholarly works digitized and made freely available to everyone in the world by JSTOR.

Known as the Early Journal Content, this set of works include research articles, news, letters, and other writings published in more than 200 of the oldest leading academic journals. The works date from the mid-seventeenth to the early twentieth centuries.

We encourage people to read and share the Early Journal Content openly and to tell others that this resource exists. People may post this content online or redistribute in any way for non-commercial purposes.

Read more about Early Journal Content at http://about.jstor.org/participate-jstor/individuals/early-journal-content.

JSTOR is a digital library of academic journals, books, and primary source objects. JSTOR helps people discover, use, and build upon a wide range of content through a powerful research and teaching platform, and preserves this content for future generations. JSTOR is part of ITHAKA, a not-for-profit organization that also includes Ithaka S+R and Portico. For more information about JSTOR, please contact support@jstor.org.

INDEX

NAMES OF CONTRIBUTORS ARE PRINTED IN SMALL CAPITALS.

ADAMS, CHARLES C., Migration as a Factor in Evolution, 55
Adaptation and "Organic Purposefulness," FRANCIS B. SUMNER, 193, 338
ALLARD, H. A., Studies in Blossom Color Inheritance in Tobacco, 79; Gigantism in Nicotiana tabacum and its Alternative Inheritance, 218; The Mendelian Behavior of Aurea Character in a Cross Between Two Varieties of Nicotiana rustica, 234
ARBER, AGNES, Heterophylly in Water Plants, 272
AREY, LESLIE B., and W. J. CROZIER, Onchidium and Adaptive Coloration, 415

Behavior and Assimilation, HENRY D. HOOKER, JR., 506

Cercariae, Described, in the United States, A Biological Survey, ERNEST CARROLL FAUST, 85
CASTLE, W. E., Siamese, an Albinistic Color Variation in Cats, 265; Piebald Rats and Selection, 370; Does Evolution occur exclusively by loss of Genetic Factors, 568
COCKERELL, T. D. A., Varieties of *Helianthus tuberosus*, 188
Color Factors in Mice, C. C. LITTLE, 185
CRAMPTON, G. C., Evolution of Arthropods and Their Relatives, 143
CROZIER, W. J., Regeneration and Reformation of Lunules in *Mellita*, 93; Resistance of Fundulus to Concentrated Sea Water, 180: Coalescence of the Shell Plates in Chiton, 278; and LESLIE B. AREY, Onchidium and the Question of Adaptive Coloration, 415

DUERDEN, J. E., Germ Plasm of the Ostrich, 312
DUNN, L. C., Linkage between Genes for Yellow and for Black in Mice, 558

Egg-weight as a Criterion of Numerical Production in the Domestic Fowl, PHILIP HADLEY, 377
English Sparrow in Death Valley, JOSEPH GRINNELL, 468
Environmental Reactions of Phrynosoma, A. O. WEESE, 33
Evolution, Migration as a Factor, CHARLES C. ADAMS, 55; of Arthropods and Their Relatives, G. C. CRAMPTON, 143; and Taxonomy, Z., 282; Does it occur exclusively by Loss of Genetic Factors, W. E. CASTLE, 568; and Genetics in Leptinotarsa, C. R. PLUNKETT, 561

FAUST, ERNEST CARROLL, A Biological Survey of Described *Cercariae* in the United States, 85
Fundulus, Resistance of, to Concentrated Sea Water, W. J. CROZIER, 180

GALLASTEGUI, G. A., and D. F. JONES, Factor Relations in Maize with reference to Linkage, 239
Genetics and Evolution in Leptinotarsa, C. R. PLUNKETT, 561
Germ Plasm of the Ostrich, J. E. DUERDEN, 312
GLEASON, H. A., Variability in Flower-number in Vernonia missurica Raf., 526
GRINNELL, JOSEPH, The English Sparrow in Death Valley, 468
Guinea-pigs, Synthetic Pink-eyed Self White, HEMAN L. IBSEN, 120
GUDGER, E. W., The Use of the Sucking-fish for catching Fish and Turtles, 289, 446, 515

HADLEY, PHILIP, Egg-weight as a Criterion of Numerical Production in the Domestic Fowl, 377
Heterophylly in Water Plants, AGNES ARBER, 272
HOOKER, HENRY D., JR., Behavior and Assimilation, 506
Hooke's Micrographia, LORANDE LOSS WOODRUFF, 247
Hybridization, Darwin's Contribution to the Knowledge of, HERBERT F. ROBERTS, 535; of Plants, The Contribution of Carl Friedrich von Gärtner to the History of, HERBERT F. ROBERTS, 431

Hybrids among Species of Spirogyra, EDGAR NELSON TRANSEAU, 109

IBSEN, HEMAN L., Synthetic Pink-eyed Self White Guinea-pigs, 120
Inheritance of Hull-lessness in Oat Hybrids, H. H. LOVE, 5; of Blossom Color in Tobacco, H. A. ALLARD, 79; of White Spotting and Other Color Characters in Cats, P. W. WHITING, 473
Helianthus tuberosus, Varieties of, T. D. A. COCKERELL, 188

JONES, D. F., and GALLASTEGUI, G. A., Factor Relations in Maize with Reference to Linkage, 239

Leptinotarsa, Genetics and Evolution in, C. R. PLUNKETT, 561
Linkage between the Genes for Yellow and for Black in Mice, L. C. DUNN, 558
LITTLE, C. C., The Fate of Individuals homozygous for Certain Color Factors in Mice, 185
LOVE, H. H., and MCROSTIE, G. P., Inheritance of Hull-lessness in Oat Hybrids, 5
Lunules, Regeneration and Reformation in *Mellita*, W. J. CROZIER, 93

MCROSTIE, G. P., and LOVE, H. H., Inheritance of Hull-lessness in Oat Hybrids, 35
Maize, Crosses, an Early Paper on, HERBERT F. ROBERTS, 97; Factor Relations in Maize with Reference to Linkage, D. F. JONES and G. A. GALLASTEGUI, 239; Morphological Basis of some Experimental Work with, PAUL WEATHERWAX, 269
Mendelian Behavior of Aurea Character in a Cross between Two Varieties of Nicotiana rustica, H. A. ALLARD, 234

NABOURS, ROBERT K., Parthenogenesis and Crossing-over in Grouse Locust Apotettix, 131
Nicotiana tabacum, Gigantism and its Alternative Inheritance in, H. A. ALLARD, 218

Onchidium and the Question of Adaptive Coloration, W. J. CROZIER and LESLIE B. AREY, 415

PARKER, G. H., Effects of the Winter of 1917–1918 on the Occurrence of Sagartis Luciae Verrill, 280
Parthenogenesis and Crossing-over in the Grouse Locust Apotettix, ROBERT K. NABOURS, 131
Piebald Rats and Selection, W. E. CASTLE, 370
PLUNKETT, C. R., Genetics and Evolution in Leptinotarsa, 561

RILEY, E. F. CURTIS, Habitat Responses of the Large Water-strider, Gerris remigis Say, 394, 483
ROBERTS, HERBERT F., An Early Paper on Maize Crosses, 97; The Contribution of Carl Friedrich von Gärtner to the Hybridization of Plants, 446; Darwin's Contribution to the Knowledge of Hybridization, 535

Sagartis Luciae Verrill, the Effects of the Winter of 1917–1918 on the Occurrence of, G. H. PARKER, 280
Shell Plates, Coalescence of, in Chiton, W. J. CROZIER, 278
Siamese an Albinistic Color Variation in Cats, W. E. CASTLE, 265
Sucking-fish, the Use of, for catching Fish and Turtles, E. W. GUDGER, 289, 446, 515
SUMNER, FRANCIS B., Adaptation and the Problem of "Organic Purposefulness," 193, 338

Taxonomy and Evolution, Z., 282
TRANSEAU, EDGAR NELSON, Hybrids among Species of Spirogyra, 109

Vernonia missurica Raf., Variability in Flower-number in, H. A. GLEASON, 526

Water-strider, Habitat Responses of, C. E. CURTIS RILEY, 394, 483
WEATHERWAX, PAUL, Morphological Basis of some Experimental Work with Maize, 269
WEESE, A. O., Environmental Reactions of Phrynosoma, 33
WHITING, P. W., Inheritance of White Spotting and Other Color Characters in Cats, 473
WOODRUFF, LORANDE LOSS, Hooke's Micrographia, 247